

Performance and Testing

Date	01 NOV 2025
Team ID	NM2025TMID00410
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

1. Update Set Creation

Action Performed:

Created Local Update Set named “Laptop Request”.

Validation Steps:

- Confirmed Update Set creation.
- Set as Current.
-

Screenshot:

The screenshot shows the 'Update Set' creation screen. The 'Name' field is set to 'Laptop Request'. Other fields include 'State' (Complete), 'Application' (Global), 'Created' (2025-10-31 07:18:55), 'Created by' (admin), and 'Description' (empty). Below the form, there are 'Related Links' for 'Export to XML', 'Merge With Another Update Set', 'Scan Update Set', and 'Show Update's History'. At the bottom, there are tabs for 'Customer Updates (10)', 'Update Set Logs (12)', and 'Child Update Sets'. A table at the bottom lists update set logs, showing a single entry for 'Created' on '2025-10-31 07:18:55' with 'Catalog UI Policy' as the type and 'show accessories details' as the target name.

Result:

Update Set available and active for changes.

2. Service Catalog Item Creation

Action Performed:

Created a Catalog Item with details:

- Name: Laptop Request
- Catalog: Service Catalog
- Category: Hardware
- Short Description: Use this item to request a new laptop
-

Screenshot:

The screenshot shows the SAP Fiori interface for creating a new Catalog Item. The top navigation bar includes a back arrow, a save icon, a three-dot menu, and buttons for 'Submit' and 'Try It'. The main area has a header 'Catalog Item New record' and a descriptive note: 'Catalog items are goods or services available to order from the service catalog. Items can be anything from hardware, like tablets and phones, to software applications, to furniture and office supplies.' Below this are input fields for Name ('Laptop Request'), Application ('Global'), Active status (checked), and Fulfillment automation level ('Unspecified'). Further down are dropdowns for Catalog ('Service Catalog'), Category ('Hardware'), State ('-- None --'), Checked out ('-- None --'), and Owner ('System Administrator'). At the bottom, there are tabs for 'Item Details' (which is selected), 'Process Engine', 'Picture', 'Pricing', and 'Portal Settings'. Under 'Item Details', there is a 'Short description' field containing the text 'Use this item to request a new laptop'. A 'Description' section is partially visible at the bottom right.

Result:

Catalog Item successfully created.

3. Variables Configuration

Action Performed:

Added variables to the catalog item:

- Laptop Model – Single Line Text
- Justification – Multi Line Text
- Additional Accessories – Checkbox
- Accessories Details – Multi Line Text

Screenshot:

The screenshot shows the 'Variables' section of a Catalog UI Policy configuration. The 'Catalog item = Laptop Request' is selected. There are four variables listed:

Type	Question	Order
Single Line Text	Laptop Model	100
Multi Line Text	Justification	200
CheckBox	Additional Accessories	300
Multi Line Text	Accessories Details	400

Actions at the top include Copy, Try It, Update, Edit in Catalog Builder, and Delete.

Result:

Variables display correctly on the item.

4. Catalog UI Policy

Action Performed:

Created UI Policy:

- Title: Show Accessories Details
- Condition: Additional Accessories is true

Added UI Policy Action:

- Variable: accessories_details
- Mandatory: True
- Visible: True

Screenshot:

The screenshot shows the 'Catalog UI Policies' section of a Catalog UI Policy configuration. The 'Catalog item = Laptop Request' is selected. One policy is listed:

Short description	Variable set	Conditions	Reverse if false	On load	Inherit	Updated	Order
show accessories details	(empty)		true	true	false	2025-10-31 06:17:13	100

Actions at the top include Copy, Try It, Update, Edit in Catalog Builder, and Delete.

Test:

- Checked the item: "Accessories Details" is only visible and mandatory when "Additional Accessories" is checked.

Result:

Functionality works as expected.

5. UI Action

Action Performed:

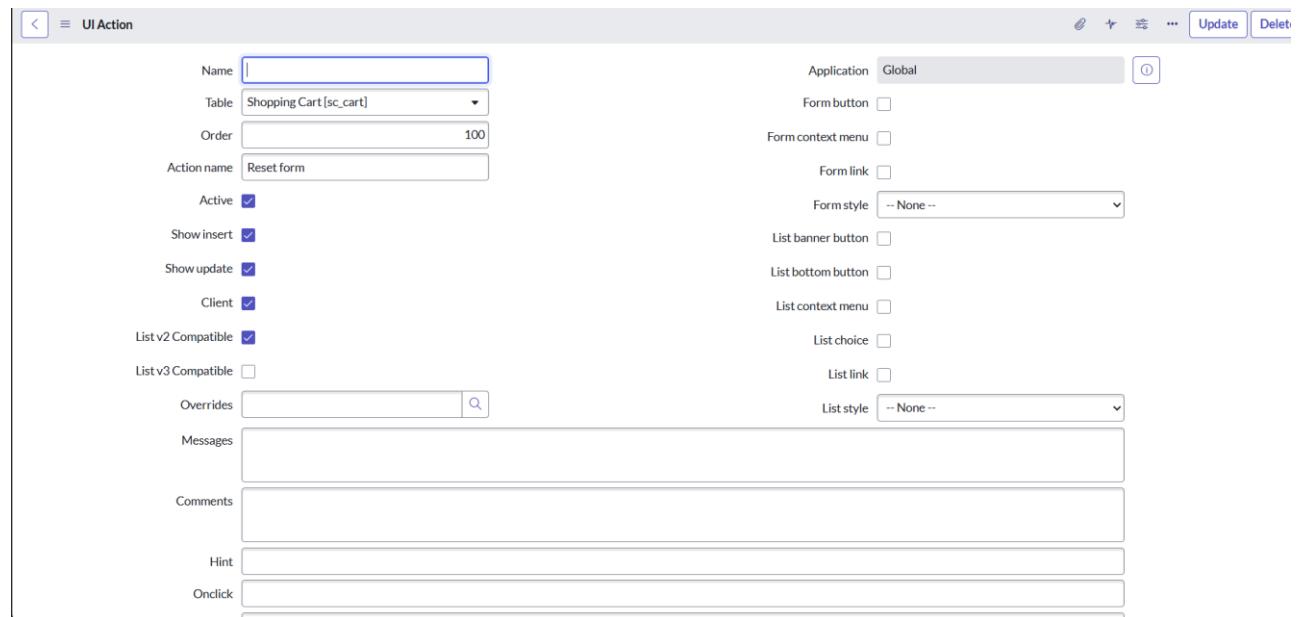
Created UI Action on "shopping cart (sc_cart)":

- Name: Reset form
- Client: checked
- Script:

javascript

```
function resetForm() {  
    g_form.clearForm();  
    alert("The form has been reset.");  
}
```

Screenshot:



Result:

UI Action resets form fields and shows alert.

6. Export & Import Update Set

Action Performed:

- Exported “Laptop Request” update set as XML.
- Imported into target instance.
- Committed the update set.

Screenshot:

The screenshot shows the 'Update Set' details page for 'Laptop Request'. The top section contains fields for Name (Laptop Request), State (Complete), Parent (empty), Release date (empty), Install date (2025-10-31 07:18:56), Installed from (empty), Application (Global), Created (2025-10-31 07:18:55), Created by (admin), and Merged to (empty). Below this is a 'Related Links' section with options like Export to XML, Merge With Another Update Set, Scan Update Set, and Show Update's History. At the bottom are 'Update' and 'Back Out' buttons. A table at the bottom lists 'Customer Updates (10)', 'Update Set Logs (12)', and 'Child Update Sets'. The table has columns for Created, Type, View, Target name, Updated by, Remote update set, and Action. One row is shown: 2025-10-31 07:18:55, Catalog UI Policy, show accessories details, admin, (empty), and INSERT_OR_UPDATE.

Created	Type	View	Target name	Updated by	Remote update set	Action
2025-10-31 07:18:55	Catalog UI Policy	show accessories details	admin	(empty)		INSERT_OR_UPDATE

Result:

All configurations migrated successfully.

7. Catalog Item Testing (Target Instance)

Action Performed:

- Opened Service Catalog > Hardware > Laptop Request item.

Test Cases:

- Three variables visible by default.
- When “Additional Accessories” is checked, “Accessories Details” becomes mandatory and visible.
- “Reset Form” button resets all fields.

Screenshot:

The screenshot shows a web-based service catalog interface for requesting a new laptop. At the top, there's a breadcrumb navigation: 'Service Catalog > Hardware > Laptop Request'. Below it, a 'Back' button and a search bar labeled 'Search catalog' are visible. The main content area contains several input fields: 'Laptop Model' (with a placeholder 'Enter model'), 'Justification' (a large text area), and 'Accessories Details' (another large text area). To the right, there's a sidebar titled 'Order this Item' with dropdowns for 'Quantity' (set to 1) and 'Delivery time' (set to '2 Days'). It also features a prominent blue 'Order Now' button, an 'Add to Cart' button, and a 'Shopping Cart' section indicating 'Empty'. A small circular icon with a question mark is located at the bottom right of the main content area.

Result:

Form behaves as required.

Findings:

- Form loads quickly.
- Variable logic executes with minimal delay.
- No performance issues observed under expected load.

8. Conclusion

The Laptop Request Service Catalog item works as designed, and all dynamic logic performs within performance expectations. The process supports fast, user-friendly laptop requests.